

METHODS FOR IDENTIFYING COMPOUNDS THAT BIND TO A TARGET

Abstract

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Methods for identifying a compound that binds to a target are described. In general, the methods involve forming a first library comprising a multiplicity of peptides, identifying one or more peptides that bind to the target and determining a peptide motif therefrom, forming a second library comprising a multiplicity of compounds designed based on the peptide motif, selecting from the second library at least one compound that binds to the target, and determining the structure or structures of the at least one compound that binds to the target. Libraries of compounds based on a peptide motif and compounds identified by the methods of the invention are also disclosed.

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